

NATIONAL CYTOLOGY PROFICIENCY TESTING UPDATE

Division of Laboratory Services
Survey and Certification Group
September 7, 2005



Importance

- Approximately 60,000,000 Pap Smears Performed (1998-2000)*
- Screening Test
 - Detects changes in the cervix before they can develop into cancer
- 74% Decrease in Number Cervical Cancer Deaths

* Unpublished Data Provided by NIH/NCI

CLIA Statute – October 31, 1988

“Periodic confirmation and evaluation of the proficiency of individuals involved in screening or interpreting cytological preparations, including announced and unannounced on-site proficiency testing of such individuals, with such testing to take place, to the extent practicable, under normal working conditions.”

Test Sequence

- Initial Test - 10 slide test
- First Retest - 10 slide test
- Second retest – 20 slide test
- Third retest – 20 slide test

CMS-Approved Programs 2005

- State of Maryland Cytology Proficiency Testing Program (1995 - 2005)
- Midwest Institute for Medical Education, Inc. (2005)

Delay in Program Approval (1995 – 2003)

- Lack of enthusiasm on part of organizations that might have conducted testing
- Significant technical difficulties

PRELIMINARY RESULTS

Preliminary Results As Of 8/26/05

(State of Maryland & Midwest Institute for Medical Education)

Initial Testing Event (10 Slides in 2 Hours)

Totals

5274

Passed

4624 (88%)

Failed

650 (12%)

Preliminary Results As Of 8/26/05

(State of Maryland & Midwest Institute for Medical Education)

Initial Testing Event

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	2512 (91%)	248 (9%)
Pri. MD	134 (59%)	92 (41%)
Sec. MD	1973 (87%)	307 (13%)
LT	5 (63%)	3 (38%)

Preliminary Results As Of 8/26/05

(State of Maryland & Midwest Institute for Medical Education)

First Retesting Event (10 Slides in 2 Hours)

Totals

427

Passed

381 (89%)

Failed

46 (11%)

Preliminary Results As Of 8/26/05

(State of Maryland & Midwest Institute for Medical Education)

First Retesting Event

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	178 (97%)	5 (3%)
Pri. MD	35 (67%)	17 (33%)
Sec. MD	167 (87%)	24 (13%)
LT	1 (100%)	0 (0%)

Preliminary Results As Of 8/26/05

(State of Maryland & Midwest Institute for Medical Education)

Second Retesting Event (20 Slides in 4 Hours)

Totals

10

Passed

7 (70%)

Failed

3 (30%)

Preliminary Results As Of 8/26/05

(State of Maryland & Midwest Institute for Medical Education)

Second Retesting Event

<u>Type</u>	<u>Pass</u>	<u>Failed</u>
CT	1 (100%)	0 (0%)
Pri. MD	1 (25%)	3 (75%)
Sec. MD	5 (100%)	0 (0%)
LT	0 (0%)	0 (0%)

Comparison Of Initial Failure Rates

	MD90	MD95	MIME*
CT	6%	6%	9%
Pri. MD	38%	24%	41%
Sec. MD	5%	4%	14%
LT	0%	0%	38%

* Preliminary Results As Of 8/26/05

CMS-Approved Programs 2006

- State of Maryland Cytology Proficiency Testing Program
- Midwest Institute for Medical Education, Inc.
- College of American Pathologists

THANK YOU!

